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S/076/61/035/001/006/022
B004/B060

Study of oxygen depolarization ...

ionization of atomic oxygen predominates on all metals studied. N. D. Tomashov and A. I. Krasil'shchikov are mentioned. There are 7 figures, 2 tables, and 24 references: 20 Soviet-bloc and 5 non-Soviet-bloc.

ASSOCIATION: Politekhnikheskiy institut, Kiyev (Polytechnic Institute, Kiyev)

SUBMITTED: April 27, 1959

Legend to Fig. 6: 1: Cr electrode,
 $i = 0.1 \text{ ma/cm}^2$; 2: Mo electrode,
 $i = 21 \text{ ma/cm}^2$; 3: W electrode,
 $i = 21 \text{ ma/cm}^2$

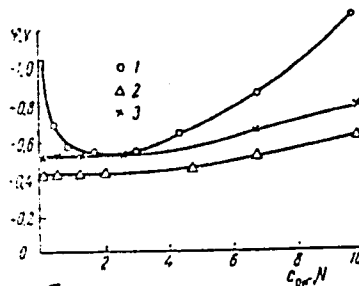


Fig. 6

Fig. 6

Card 5/5

AVETISYAN, F. O.[Avetysian, F. O.]; TRACHUK, S. V., kand. tekhn. nauk;
PONOMARENKO, A. T.

Some problems in the automation of the aniline dye industry.
Khim. prom.[Ukr.] no.1:67-69 Ja-Mr '62.

(MIRA 15:10)

1. Institut avtomatiki Gosplana UkrSSR.

(Aniline) (Cleaning and dyeing industry)
(Automation)

TRACHUK, S. V., kand. tekhn. nauk; CHEKAYDA, S. G. [Chekaida, S. H.];
BONDAR, B. P.; ZAKHARCHENKO, M. Yu.

Automation of a two-stage spray evaporating-drying unit. Khim.
prom. [Ukr.] no. 1:74-75 Ja-Mr '62. (MIRA 15:10)

1. Institut avtomatiki Gosplana UkrSSR.

(Drying apparatus) (Automatic control).

TRACHUK, S.V.; CHEKAYDA, S.G.

Basic trends in automation in the production of antibiotics.
Med.prom. 16 no.5:11-15 My '62. (MIRA 15:9)

1. Institut avtomatiki Gosplana UkrSSR.
(ANTIBIOTICS) (DRUG INDUSTRY)

TRACHUK, S.V.; CHEKAYDA, S.T.

Automatic methods of controlling the ash content and activity of
solutions in the production of streptomycin. Med.prom. 16 no.7:
39-45 J1 '62. (MIRA 15:9)

1. Institut avtomatiki Gosplana UkrSSR.
(STREPTOMYCIN) (CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

GORYUSHKO, V.Ye. [Horiushko, V.IE.]; TRACHUK, S.V., kand. tekhn. nauk;
MEKINYAN, Yu.G. [Mekinian, I.O.H.]

Application of calculating machines in some fields of the chemical
industry. Khim. prom. [Ukr.] no.3:50-53 J1-S '64. (MIRA 17:12)

GORYUSHKO, V.Ye. [Horiushko, V.Ye.]; TRACHUK, S.V., kand. tekhn. nauk.
IVITSKAYA, T.A. [Ivitska'ya, T.A.]

Methodology for studying the reactor for acetylene hydrochlori-
nation as an object of regulation. Khim. prom. (Ukr.) no. 1.61-63
Ja-Mr '65. (MIRA 18:4)

TRACHUK, S.V., kand. tekhn. nauk

Intensification of the process of pyridine recovery. Khim.
prom. (Ukr.) no.2:14-19 Ap-Je '63. (MIRA 16:8)

1. Institut avtomatiki Gosplana UkrSSR.

CHEKAYDA, S.G., kand. tekhn. nauk; TRACHUK, S.V., inzh.; BONDAR', B.P.,
inzh.; KRUKOVSKIY, L.N., inzh.

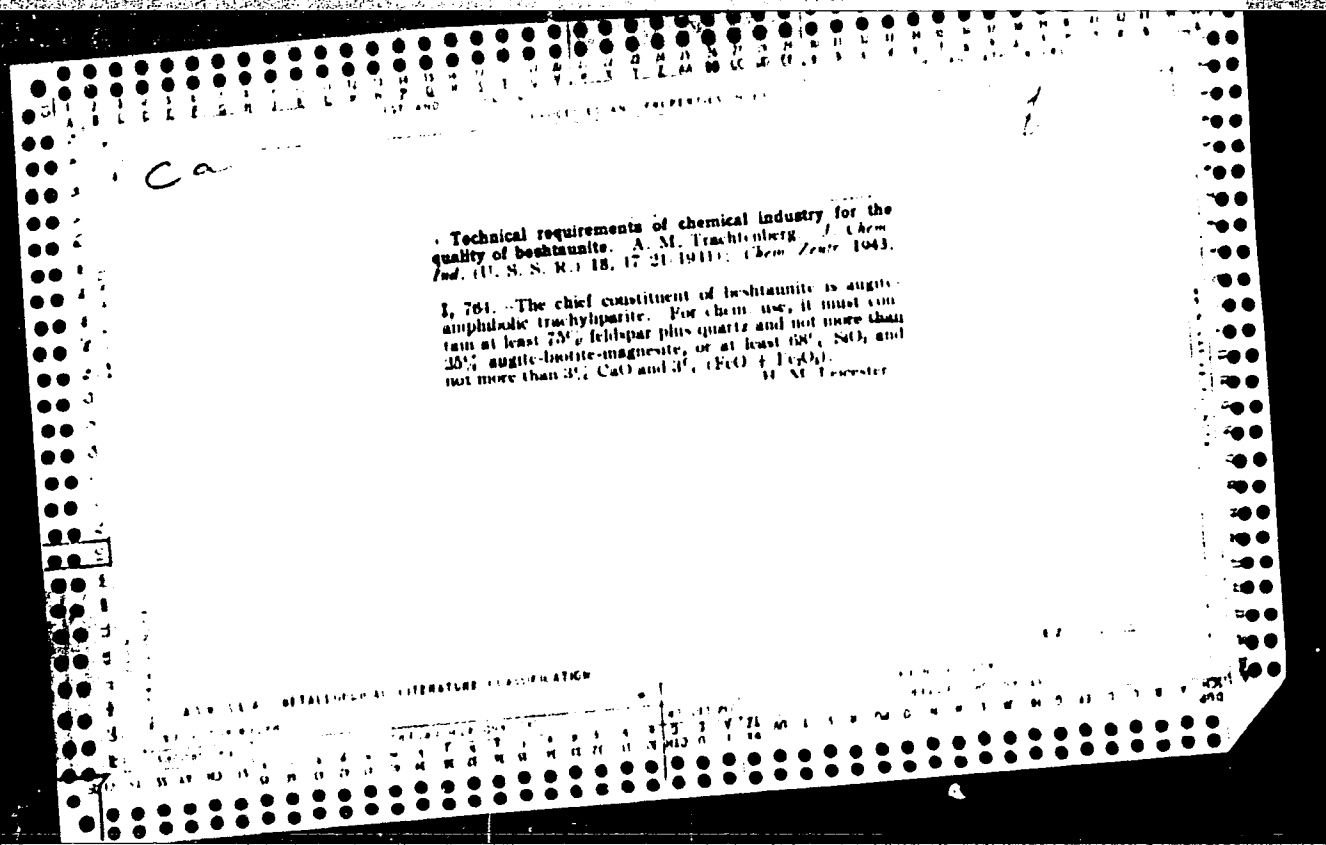
Photoelectric level regulators. Khim. mashinostr. no.1:136-139
'65. (MIRA 18:9)

TRACHUK, V.P., inzh.

Reducing boiler operating personnel. Elek.sta. 29 no.6:84-85 Je
'58. (MIRA 11:9)
(Electric power plants) (Automatic control)

13-I-4

Metallurgical stoppers and nozzles. A. M. TRACHTENBERG and L. A. TATARSKI (Ogneupor, 1935, 3, 648-654).—Nozzles with magnesite inserts must be used for casting boiling metal. Details of firing conditions and composition are given. (Ch. Ana. (s))



TRACHUK, S.V., Cand Tech Sci -- (diss) "Study of oxygen depolarization on porous chromium, molybdenum, and tungsten cathodes." [Kiev], 1958, 18 pp (Min of Higher Education USSR. Kiev Order of Lenin Polytechnic Inst) 120 copies. Author not shown on cover (FL, 23--E, 107-8)

- 84 -

TRACHUK, S.V. (Kiyev)

Electroreduction of oxygen on porous cathodes of the chromium
subgroup of metals. Zhur. fiz. khim. 35 no.1:102-111 Ja '61.
(MIRA 14:2)

1. Politekhnicheskii institut, Kiyev.
(Reduction, Electrolytic) (Oxygen)

TRACHUK, S. V.

PHASE I BOOK EXPLOITATION SOV/2216

Sovetskaniye po elektrokimii. 4th, Moscow, 1956.

5(a)

Trudy...i [sbornik] (Transactions of the Fourth Conference on Electrochemistry. Collection of Articles) Moscow, 1956. 2500 copies printed. 1959. 868 p. Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Odelskiye khimicheskikh nauk.

Editorial Board: A. N. Frumkin (Resp. Ed.) Academician, O. A. Yessin, Professor, S. I. Zhdanov (Resp. Secretary), B. N. Kabanov, Professor, S. I. Zhdanov (Resp. Secretary), B. N. Kabanov, Professor, Ya. M. Kolotyrkin, Doc., A. A. Solov'yev, V. V. Losav, P. D. Lukovskiy, Professor, Ed. of Publishing House: M. G. Yegorov, and G. N. Koshanov.

PURPOSE: This book is intended for chemical and electrical engineers, physicists, metallurgists and researchers interested in various aspects of electrochemistry.

COVERAGE: The book contains 127 of the 128 reports presented at the Fourth Conference on Electrochemistry, sponsored by the Department of Chemical Sciences and the Institute of Physical Chemistry, Academy of Sciences, USSR. The collection pertains to different branches of electrochemical science: double layer theories and galvanic processes in metal solutions, electrodeposition and industrial electrolysis. Abridged discussions are given at the end of each division. The majority of references are not included here have been published in periodical literature. No personalities are mentioned. References are given at the end of most of the articles.

Kashchuk, O. S., and V. V. Siemskiy. (Dnepropetrovsk Institute of Chemical Technology imeni P. E. Dzerzhinskogo). Polarization of Graphite Electrodes During the Anodic Separation of Chlorine 823

Burakov, N. Ye., and O. A. Tsvetanov (Institute of Chemistry, Academy of Sciences, USSR). Hydrogen Overvoltage at Electrodes with Homogeneous Surface 827

Bakker, A. K. I., M. A. Kabanov, and E. V. Kabanov (Physicochemical Institute imeni L. Ya. Karpov). Mechanism of the Simultaneous Electrochemical Formation of Peroxy Sulfuric Acid, Ozone and Oxygen at a Platinum Anode in Sulfuric Acid Solutions 834

Volkov, G. I., Z. L. Klitsa, Ye. K. Susorova and M. V. Chernykh. Influence of Surface-Active Substances on the Rate of Decomposition of Sodium Amalgams 841

Il'in, G. G., and V. L. Skripchenko (Novocherkassk Polytechnic

Card 33/ 42

Transactions of the Fourth Conference (Cont.) SOV/2216

Institute imeni S. Ordzhonikidze). Influence of the Nature of an Electrolytic Cell on the Anode Process During the Electrolysis of Aqueous and Alkaline-Earth-Metal Chlorides Solutions 845

Vorobin, M. M. (Deceased), B. G. Priluchenskiy, A. A. Yeditsyn, G. V. Priluchenskiy, G. V. Priluchenskiy, Ye. M. Kuchinsky, and S. V. Priluchenskiy (Kiev Polytechnic Institute). Electrolytic Reduction of Oxygen at Porous Cathodes 849

Discussion (M. A. Fedotov, B. I. Kabanov, Ye. M. Kuchinsky, G. N. Koshanov, and contributing authors)

AVAILABLE: Library of Congress

Card 34/ 42

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9-10-59

VORONIN, N.N.[deceased]; TRACHUK, S.V.

Effect of conditions of the preparation of porous chromium electrodes
on the process of oxygen depolarization. Ukr.khim.zhur. 24 no.5:575-580
' 58. (MIRA 12:1)

1. Kiyevskiy politekhnicheskii institut.
(Chromium) (Electroplating) (Oxygen)

VARAVITSKIY, I.B., kand.tekhn.nauk; DOROFYEV, I.Ye., inzh.; ZYSKINA, Ye.M.,
inzh.; LAKHMANLOS, A.I., inzh.; LEVNER, I.A., inzh.; TPACHUK, V.P.,
inzh.; TUCHKOVSKIY, P.M., inzh.

Use of a small-sized air preheater in burning Ekibastuz coal.
Elek. sta. 33 no.5:7-12 My '62. (MIRA 15:7)
(Air preheaters) (Furnaces)
(Electric power plants)

8(6)
14(6)

SOV/91-92-5-5/87

AUTHOR: Trachuk, V.P., Engineer

TITLE: Widening of the Zone of Boiler Attendance (Rus-shireniye zony obsluzhivaniya kotlov)

PERIODICAL: Energetik, 1959, Nr 5, pp 12-15 (USSR)

ABSTRACT: The author shares the experience acquired by an unidentified GRES, which, having automated the boilers, introduced in 1957 a combined operational panel (suggested by Barkhatov and Shubin) (Figure 1) enabling one operator to operate four boilers at one time (boilers PK-14, rated 100 atm, 500°C, 230 ton/h.) The remaining four boilers were likewise rationalized in 1958. All instruments are made by the GRES itself and by the TsSTI of the "Sverdlovenergo". The electronic automation introduced to the boilers is characterized by some changes of a typical scheme, shown in Figure 2. The electronic regulators can be switched by hand from one main to another. Efficiency of automation has

Card 1/2

SCV/91-98-5-5/27

Widening of the Zone of Boiler Attendance

been found to be 100 %.
There are 1 photo, 1 sketch and 2 diagrams.

Card 2/2

SOV/91-59-6-7/33

8(5):

AUTHOR: Trachuk, V.P., Engineer

TITLE: An Instance of Increase in Turbine Vibration

PERIODICAL: Energetik, 1959, Nr 6, pp 11-12 (USSR)

ABSTRACT: A BK-100-2 turbine of an unidentified power plant, having developed excessive vibration in the first and the second bearings, had to be taken apart and examined. In the rotor shaft of the high-pressure cylinder, 0.8 kg of dark, semi-burned turbine oil was found. In a similar opening of the rotor shaft of the low-pressure cylinder, there was found 1.5 kg of light turbine oil. The only way by which oil could get into the rotor shafts was found to be the 10mm holes in the plugs closing the shaft openings, made for letting out gases that may appear in the rotor shaft's cavities. Oil within the rotor shaft of the high-pressure cylinder prevented it from proper preheating

Card 1/2

An Instance of Increase in Turbine Vibration SOV/91-59-6-7/33

and led to its deformation, which resulted in excessive vibration. The presence of oil in the rotor shaft of the low-pressure cylinder did no harm because it had a low temperature. To prevent this, the author recommends that the afore-mentioned holes in the plugs be closed with screws. The Leningradskiy metallicheskiy zavod (Leningrad Metal Products Plant) is mentioned in the text. There is 1 set of diagrams.

Card 2/2

SOV/91-59-8-5/28

8(6)

AUTHOR:

Trachuk, V.P., Engineer

TITLE:

Cleaning Condensers by Means of Rubber Balls

PERIODICAL:

Energetik, 1959, Nr 8, pp 9-11 (USSR)

ABSTRACT:

At the Serov GRES a method of cleaning steam turbine condenser tubing was developed. The method consists of injecting rubber balls into the water intake of the condenser in an amount of 20% of the total number of condenser tubes. The balls are 20 mm in diameter and were manufactured by the Sverdlovskiy zavod rezino-tekhnicheskikh izdeliy (Sverdlovsk Rubber Products Plant). The method is explained in fig.1. The device used for injecting the rubber balls is shown in fig.2. The rubber balls are driven by the water flow thru the condenser tubes and remove the dirt from the walls. At the condenser outlet, a special tapered sieve is installed, shown in fig.3, which traps the rubber balls. The tapered sieve is connected to a tube thru which the rubber balls re-enter the feed device. The balls circulate within 15-16 seconds thru the condenser. A special valve system permits the

Card 1/4

SOV/91-59-8-5/18

Cleaning Condensers by Means of Rubber Balls

removal of the balls. The disadvantage of this method is that not all condenser tubes are equally cleaned. In fig.4 those condenser areas are shown in which the tubes are not cleaned. Additional studies of the ball weight, dimensions and quantity required may eventually lead to an increased efficiency of this method. The introduction of this method at all turbines condensers of the Serov GRES was necessary, since the cooling water was taken from the Sos'va river which is flowing thru peat bogs. The condenser tubes were covered with mud within 14-20 days after mechanical cleaning and the turbine efficiency was reduced. In April 1957, the first cleaning unit was installed on the condenser of a VK-50-1 turbine. This condenser, type 50-KTsS-3, consists of 5800 brass tubes, 25/23 mm, having a length of 6650 mm. Previously, only mechanical cleaning was used. Presently, such cleaning units are being installed at all VK-50-1 and VK-100-2 turbines of the plant. The VK-100-2 turbine is equipped with a 100-KTsS-2 two-sectional condenser consisting of 11,600 brass tubes of 25/23 mm and 6650 mm length. The practical operation of

Card 2/4

SOV/91-59-8-5/28

Cleaning Condensers by Means of Rubber Balls

the cleaning unit showed that some simplifications are possible, for example, the non-return valve and a safety valve, which were recommended by the institute "Teploelektroproyekt" may be eliminated. During the operation of the cleaning unit, the temperature of the condenser was reduced by 5.2°C , corresponding to a vacuum increase of 1% of an annual fuel saving of 2800 tons for one VK-100-2 turbine. This was confirmed by data obtained from other power plants using the same cleaning system. At the Bogoslovskiy TETs the temperature was reduced by 2°C and the vacuum was increased by 0.5%. At the Yegorshinskaya GRES the temperature was reduced by 5°C and the vacuum increased by 1%. At the Krasnogorsk TETs no vacuum reducing was observed after the cleaning unit was installed, while otherwise the vacuum was reduced within 15-20 days after cleaning of the condenser. The operation of this cleaning system during 18 months showed that the life of condenser tubes was increased while corrosion effects were reduced. The wear of the rubber balls is about 1 mm of their original diameter within six months. The costs for one cleaning unit for a

Card 3/4

SOV/91-59-8-5/28

Cleaning Condensers by Means of Rubber Balls

50,000 kw turbine condenser amount to approximately 30,000 rubles, for a 100,000 kw turbine to 60,000 rubles. Taking only into consideration the fuel saving, the installation will be amortized within three months. There are 4 diagrams.

Card 4/4

TRACHUK, V.P., inzh.

Conference on the modernization of power machinery and us of
150-200 Mw. blocks. Elek.sta. 33 no.11:93-94 N '62.
(MIRA 15:12)
(Electric power plants)

Trachun, I.F., and Kleymenova, L.M., Engineers 28-4-26/35

AUTHORS: Trachun, I.F., and Kleymenova, L.M., Engineers

TITLE: Strengthen the Role of Standardization Departments at the Enterprises (Povysit' rol' otделov standartizatsii na predpriyatiyakh)

PERIODICAL: Standartizatsiya, 1957, # 4, p 79 (USSR)

ABSTRACT: In this short note, the authors suggest measures to assist standardization workers in plants, where they are subordinated to the designing bureau or technical department. Central standardization departments should be organized for the entire enterprise and subordinated administratively to the chief engineer of the plant and functionally to the Sovnarkhoz of the given rayon. This would raise the normalization discipline and the prestige of standardization departments.

The authors also suggest that a general regulation on standardization and normalization departments be issued and a special course on this subject be included in the programs of technical education institutions. Textbooks could also be used by technicians in their practical work.

ASSOCIATION: Khar'kov Machine-building Plant "Krasnyy Oktyabr'". (Khar'kovskiy mashinostroitel'nyy zavod "Krasnyy Oktyabr'").

AVAILABLE: Library of Congress
Card 1/1

TRACHUN, I.F., inzh.; KLEYMENOVA, L.M., inzh.

Standardizing allowances and fittings at the "Krasni Oktiabr" plant.
Stroi. i dor. mashinostr. 3 no. 7:32 J1 '58. (MIRA 11:8)
(Road machinery industry)

~~SECRET~~
TRACHUN, I.F., inzh.; KLEYMENOVA, L.M., inzh.

The SM-677 unit for plastic molding of large ceramic blocks. Stroi.
1 dor. mashinostr. } no.9:15 S '58. (MIRA 11:10)
(Molding machines)

TRACHUN, I.Y., inzh.

Designations of building and road machinery and equipment for
making building materials. Stroi. i dor. mashinostr. 5 no.4:38
Ap '60. (MIRA 13:9)

(Building machinery)

MOROZ, A.T., inzh.; TRACHUN, I.F., inzh.

Standardization of mixer blades. Stroi. i dor. mash. ⁷
no.12:32-33 D '62. (MIRA 16:1)
(Mixing machinery--Standards)

TRACHUN, I.F., inzh.

Normalizing the smooth rollers on a rolling machine for coarse
milling. Stroi. 1 dor. mash. 9 no.5:35 My '64. (MIRA 17:6)

TRACHUN, I.F., inzh.

Standardizing conveyor belt links of bin feeders for clay mixes.

Stroi. i dor. mash. 9 no.12:30-31 D '64.

(MIRA 18:3)

TRACHUN, I.F.; MOROZ, A.T.

Unified standard specifications for market articles are needed. Standartizatsiia 28 no.2:51 F '64. (MIRA 17:3)

... and ... No. 2, ... 76

... Ureol, Constantia ...
 : culture of ...
 : at a higher altitude than ...

... 1956, 22, No. 4, 201-202

... at the eastern slope of ... as
 an altitude of 1100 m above sea level.
 ... was successfully cultivated,
 thus making it recommendable for more
 extensive cultivation in a number of valleys
 in the Carpathians.

TRACI, C.

AGRICULTURE

PERIODICAL: REVISTA PADURILOR Vol. 73, no. 10, Oct. 1958

TRACI, C. The culture of the green alder (Alnus viridis Lam. et D.C.)
on high altitude. p. 606.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

TRACI, C.

~~XXXXXXXXXXXXXX.~~

AGRICULTURE

(Asociatia Stintifica a Inginerilor si Technicienilor din Romania si
Ministerul Agriculturi si Silviculturi) Bucuresti.

Traci, C. The culture of the green alder (Alnus viridis
(Chaix) Lam, et D.C.) on high altitude.

p. 606.

TRACI, C.; VOINZA, F.

"Results of forestation work in degraded areas in the experimental perimeter of Putreda". p. 121, (REVISTA PADURILOR, Vol. 69, No. 3, Mar. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions. (KEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

TRACI, C.: 1956, 1.

TRACI, C.: 1956, 1. Contributions to the study of the agriculture of the lands in the Ristrita River valley. p. 58.

Vol. 20 (i. e. 21) No. 9, Sept. 1956

REVISTA ROLULOR
AGRICULTUR

Eucaresti, Rumania

So: East European Association, Vol. 6, No. 2, Feb. 1957

TRACI, C.; VOINEA, F.

"Reforestation work in the eroded lands of the Chinejii Valley." p. 23. (REVISTA PADURILOR, Vol. 68, no. 8, Aug. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

TRACKA, V.; KVITA, V.; WEICHET, J.

Studies of the vitamin K and vitamin E series. II. Synthesis of Vitamin K₁ analogues with a simplified sidechain. p. 127. (Chemické Listy. Vol. 51, no. 1, Jan. 1957.)

SO: Monthly List of East European Accession (EEAL) LV, Vol. 6, no. 7, July 1957. Uncl.

TRACMER, M.; KLICNAR, J.

Technic of collecting data on morbidity and trauma. Cesk. zdravot.
7 no.4:208-210 May 59.

1. Vyzkumny ustav traumatologicky v Brna.

(VITAL STATISTICS,
morbidity & accid. statist., collecting technic (Cz))

TRACZ, Marian, mgr inz.

Chief indicators for the quality of water of the Goszalkowice
Reservoir. Gosp wodna 20 no.5:211-213 My '60. (EEAI 9:9)
(Poland--Drinking water) (Poland--Reservoirs)

TRACE, W.

Utilization of the Parachute Oxygen Apparatus,
by W. Tracz. Polish, per Skryadlata Polska,
No 11, 13 Mar 55, pp6, 7, 12.

Trans. by AID*

TRACZ, A.

How resolutions of the Parachute Council of the Aeronautics Club of the Polish People's Republic are carried out. p. 12, Vol. 11, no. 19, May 1955, SKRZYDLATA POLSKA

SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (SEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

FOL/7-60-11-31/37

22(1,3)

AUTHOR: Tracz, Witold, Sport Champion

TITLE: Slot Parachutes: Their Use, Tactics, and the Jump
Theory on Target Landing

PERIODICAL: Skrzydlata Polska, 1960, Nr 11
Supplement "Review of Civil Aviation", Nr 6, pp 1-2

ABSTRACT: The author describes the slot parachutes (chutes in which a segment is missing), their use, tactics and the jump theory on a target landing. He points out that efficiency slot parachutes were generally used by the Soviet and Bulgarian parachute teams at the 21 World Parachute Championships in Moscow in 1956. Production of efficiency slot parachutes, or conversion of training parachutes into efficiency slot parachutes began in many countries in 1957. Poland presently produces "ST-5" efficiency slot parachutes based on the Polish-made "ST-1" circular silk parachute. The "ST-5" parachutes were used at the 4th

Card 1/2

POL/7-60-11-31/37

Slot Parachutes: Their Use, Tactics, and the Jump Theory on Target Landing

World Parachute Championships and the 5th Polish Parachute Championships. The Polish-made "ST-5" parachute is less stable than foreign slot parachutes, however it is more maneuverable. Further the author describes particulars concerning the jump theory of a slot parachute, and maneuvering the parachute during the jump on a target landing. There are 3 figures. ✓

Card 2/2

TRACZ, W.

Before the 2d Polish Parachute Championship. p. 12.

SKRZYDLATA POLSKA. (Liga Lotnicza) Warszawa, Poland. Vol. 11, No. 35, Aug. 1955.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9 September, 1959. Uncl.

TRACZ, W.

Using an oxygenator in parachute jumps. p. 12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 11, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

TRACZ, W.

"For Wider Horizons in Polish Parachutism", Spadochroniarz, P. 3
(SKRZYDLATA POLSKA, Vol. 10, No. 44, October 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL), IC, Vol. 4, No. 3,
March 1955, Uncl.

TRACZENKO, N.

Parachute jumps in winter, p. 12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11. no. 2, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

TRACZEWSKA-BIALEK, Zofia, mgr., inz.

Instruction from the year 1767 on the method of determining geographical latitude. Przegl geod 33 no.11:430-432 '61.

TRACZEWSKA-BIALKOWA, Zofia

Teofil Zebrowski's surveying activities; 1800-1887. Geodezja
Krakow no.6:79-96 '64.

1. Department of Geodesy of the School of Mining and Metallurgy,
Krakow.

TRACZEWSKI, Adam, mgr inz.

Simplified 110/15 kv. substations. *Energetyka* Pol 14 no.2:36-42
'60. (EKAI 9:6)

1. *Energoprojekt* Krakow.
(Poland-- Electric substations)

MAJEWSKI, Jerzy, mgr inż.; TRACZEWSKI, Adam, mgr inż.

First Polish 400 kv overhead transmission system, Mikulowa-Joachimow. Przegl elektrotechn 39 no.9:325-329, 330 S '63.

1. Energoprojekt, Oddział Krakow.

TRACZUK-SOROKOWSKA, Natalia; WOMACZKOWA, Krystyna

Late results of pleoptic and orthoptic treatment. Klin. oczna
35 no.2:321-326 '65.

1. Z Kliniki Okulistycznej Studium Doskonalenia Lekarzy w
Akademii Medycznej w Warszawie (Kierownik: prof. dr. med.
W. Arkin).

ARKIN, Wiktor, prof. dr. med.; ANTOSZKIEWICZOWA, Hanna; TRACZUK-SOROKOWSKA, Natalia; ZUKOWSKI, Ludwik.

An objective detection of eccentric fixation by fundus photography. Klin. oczna 35 no.2:251-253 '65.

1. Z Kliniki Chorob Oczu Studium Doskonalenia Lekarzy w Warszawie (Kierownik: prof. dr. med. W. Arkin).

Country : POLAND
 Category : Farm Animals.
 The Honey Bee.
 Abs. Jour : Ref Zhur-Biol., No 16, 1958, 7-267
 Author : Soczek, Z.; Traczyk, H.
 Institut. : -
 Title : An Experiment in Preventing the Poisoning of Bees by Insecticides.
 Orig. Pub. : Pszczelarstwo, 1957, 8, No 7, 194-196
 Abstract : In one group three beehives were placed into 30 cm deep holes for 6 days; a little vault was dug along one side of the beehive and was covered on top with nets and mats. A watering bowl was placed at the bottom of the vault. The bees could only leave the hive to enter the vault. In the II group the beehives were also covered with nets for 6 days, but the bees were permitted to fly out. Water was led into the nest by wicks from water containers

Card: 1/3

Q-5

Country : POLAND
 Category : Warm Animals
 Abs. Jour : The Bee, 1988, 74167
 Author :
 Institut. :
 Title :

Orig Pub. :

Abstract :

which were placed on the nets. In the III group the beehives were also furnished with nets, but here training was performed attempting to direct the bees to chestnut trees and white clover. In the IV group, control, the beehives' entrances were left open. Results: on 30 May, 4 June, and 26-31 July the temperature in the nests of groups II and III was significantly lower than of the groups I and IV. The colonies of group I presented the smallest losses of bees; the hive temperature

Card:

2/3

Country : POLAND
Category : Farm Animals. 2-5
The Honey Bee.
Agr. Jour : Ref Zhur-Biol., No 16, 1958, 74167
Author :
Institut. :
Title :
Orig. Pub. :
Abstract : here was closest to norm. Training of bees
proved to be futile. -- V. A. Kanayuba

Card: 3/3

86

TRACZYK, Jan, dr inż.

Computation method of two-spool compressors for double-flow engines. Inst lotn prace no. 23:3-13 '64.

1. Submitted April 1964.

TRACZYK, Jan, dr inz.; ZOLCINSKI, Artur, mgr.

Preliminary considerations on the mutual influence of the
stages in axial compressors. Inst lotn prace no.19:13-19'63.

TRACZYK, Jan, dr inz.

Problems of gas dynamics concerning the flow through and calculation of two-spool compressors in turbine engines. Inst
lotn prace no.19:20-28 '63.

CHODKOWSKA, Stefania; KRAKOWKA, Pawel; TRACZYK, Kazimierz; KUBIT, Stanislaw;
SERAFIN, Roman; PAWLICKA, Lilia

Proteinosis pecherzykow plucnych (pulmonary alveolar proteinosis).
Gruzlica 29 no.10:895-901 0 '61.

1. Z Instytutu Gruzlicy Dyrektor: prof. dr W.Jaroszewicz i z
Centralnej Wojewodzkiej Przychodni Przeciwegruzliczej w Rzeszowie
Dyrektor: dr T. Lewicki.
(LUNG DISEASES case reports)

CHODKOWSKA, Stefania; KRAKOWSKA, Pawel; TRACZYK, Kazimierz; SERAFIN, Roman

Pulmonary alveolar microlithiasis. Gruzlica 30 no.4:367-374 '62.

1. Z Oddzialu Patologii Kierownik: prof. dr med. S. Chodkowska Z
oddzialu I Kierownik: doc. dr med. P. Krakowska Z oddzialu IX
Kierownik: doc. dr med. J. Madey Instytutu Gruzlicy Dyrektor: prof. dr
med. W. Jaroszewicz.

(LUNG DISEASES case reports)

KRAKOWKA, Pawel; TRACZYK, Kazimierz; GINTEROWA, Bronislawa

A case of co-existing pulmonary tuberculosis and primary actinomycosis.
Gruzlica 30 no.12:1095-1100 '62.

1. Z Oddzialu I i z Pracowni Mykologicznej Instytutu Gruzlicy. Kierownik:
doc. dr med. P. Krakowka. Dyrektor: prof. dr med. W. Jaroszewicz.
(TUBERCULOSIS PULMONARY) (ACTINOMYCOSIS)
(LUNG DISEASES FUNGAL)

KRAKOWKA, Pawel; ZUKOWSKA-OLSKO, Halina; HALWEG, Halina ; TRACZYK,
Kazimierz

Pulmonary nocardiosis. Gruzlica 32 no.12:1105-1111 D '64

1. Z Kliniki Chorob Płuc i z Pracowni Mykologicznej Instytutu
Gruźlicy (kierownik: doc. dr. med. P. Krakowka) i z Kliniki
Ftызjatrycznej Akademii Medycznej w Białymstoku (kierownik:
doc. dr. med. W. Pregowski).

KRAKOWKA, Pawel; ROWINSKA, Ewa; HALMEO, Halina; KIOTT, Maria;
TRACZYK, Kazimierz; CHRUSCIAK, Elzbieta

Pulmonary actinomycosis with special reference to diagnostic
and therapeutic difficulties. Gruzlica 33 no.4:313-322 Ap '65.

1. Z Kliniki Chorob Pluc i Pracowni Mykologicznej Instytutu
Gruzlicy (Kierownik: doc. dr. P. Krakowka).

TRACZYK, T.

Deliberations on the use of the terms "grad" and "grond".
Wiadom botan 8 no.3/4:225-229 '64.

FRANCYK, W.

An equational definition of a class of post algebras. *Colloq. Math.* 42 no. 3:443-449, 1980.

1. Department of Mathematics, Division of University, 00-900 University, Warsaw. Presented by J. L. L. L. L.

TRACZYK, T.

Attempt at a synthesis of research on ecological differentiation of
Querco-Carpinetum in Poland. Acta soc botan Pol 31 no.4:621-635 '82.

1. Zaklad Ekologii, Polska Akademia Nauk, Warszawa.

TRACZYK, T.

On axioms and some properties of post algebras. Bul Ac Pol
10 no.10:509-512 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by E.Marczewski.

TRACZYK, T. (Warsaw)

Axioms and some properties of post algebras. Col math 10 no.2:
193-209 '63.

TRACZYK, T.

Some theorems on independence in post algebras. Bul Ac Pol
mat 11 no.1:3-8 '63

1. Institute of Mathematics, Wroclaw Branch, Polish Academy
Sciences. Presented by E.Marczewski.

SIKORSKI, R.; TRACZYK, T. (Warsaw)

On free products of m -distributive Boolean algebras. Col
math 11 no.1:13-16 *63.

TRACZYK, T. (Warsaw)

Minimal extensions of weakly distributive Boolean algebras.
Col math 11 no.1:17-24, '63.

TRACZYK, Tadeusz

Materials for the differentiation of communities of Quercus-Carpinetum in Poland. Acta soc botan Pol 31 no.2:275-304 '62.

1. Zaklad Ekologii Rolin, Uniwersytet, Warszawa.

Traczyk, T. On homomorphisms not induced by mappings. Bull. Acad. Polon. Sci. Ser. Sci. Math. Astr. Phys. 6 (1958), 103-106.

Let X be a σ -field of subsets of a set A and I a σ -ideal. The following condition are shown to be equivalent:
 (1) There is an isomorphism of X/I into X whose composition with projection $X \rightarrow X/I$ is the identity; (2) A can be topologized as the Stone space of X/I so that I is the σ -ideal generated by nowhere dense sets and X the σ -field generated by I and the open-closed sets; (3) every σ -homomorphism X_1/I_1 into X/I , where X_1 and I_1 are as in (2), is induced by a point function $A \rightarrow A_1$. Since examples are known for which (1) is false, this answers Sikorski's question whether (3) is false for some X and I .
 J. R. Isbell (Seattle, Wash.).

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"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420014-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756420014-1"

MARCZEWSKI, E. (Wroclaw); TRACZYK, T. (Warsaw)

On developable sets and almost-limit points. Col math 8 no.1:55-66
'61. (EEAI 10:5)

(Functions) (Aggregates) (Topology)

TRACZYK, T. (Warsaw)

On the approximations of mappings by Baire mappings. Col math 8 no.1:
67-70 '61. (EEAI 10:5)

(Aggregates) (Topology) (Distance geometry)

TRUCBYK, T. (LAW-44)

A generalization of the Loomis-Worley theorem. Col. math. 11
no.2:155-161 1961.

1. Submitted October 25, 1963.

SADOWSKI, B.; TRACZYK, W.

Conditioned reflexes established in unilaterally decorticated rabbits to caudate nucleus stimulation. Acta biol. exp. 23 no.2:125-132 '63.

1. Laboratory of Physiology, Polish Academy of Sciences, Warsaw 36, Poland.

(REFLEX, CONDITIONED) (CEREBRAL CORTEX)
(CAUDATE NUCLEUS) (NEUROSURGERY)
(ELECTROPHYSIOLOGY)

SADOWSKI, B.; TRACZYK, W.

Stimulation effects and bioelectrical activity of the caudate nucleus in unilaterally decorticated rabbits and cats. Acta biol. exp. 23 no.2:101-113 '63.

1. Laboratory of Physiology, Polish Academy of Sciences,
Warsaw 36, Poland.

(CAUDATE NUCLEUS) (CEREBRAL CORTEX)
(BEHAVIOR) (REFLEX, CONDITIONED)
(NEUROSURGERY) (ELECTROPHYSIOLOGY)
(MOVEMENT)

TRACZYK, Wladyslaw

Effect of physiologically-active compounds administered into the cerebral ventricles on the reflex activity and bio-electrical potentials of the brain. Rozpr. wydz. nauk med. 7 no.1:3-61 '62.

1. Adiunkt Zakladu Fizjologii PAN.
(BRAIN) (CEREBRAL VENTRICLES)

TRACZYK, W.

The stereotaxic instrument for the dog and its appliance at operations on the animals used for chronic experiments. Acta physiol. polon. 10 no.3:415-421 May-June 59.

1. From the Laboratory of Physiology, Polish Academy of Science in Warsaw Head of the Laboratory: Prof. P. Czubański.
(GANGLIA BASAL, physiol.)

TRACZYK, Wladyslaw; PRZEKOP, Franciszek

A method for testing the function of the hypothalamus and pituitary in the sheep in chronic experiments. Acta physiol. pol. 14 no.2:227-236 '63.

1. Z Zakladu Fizjologii PAN w Warszawie Kierownik: prof. dr F. Czubalski Z Zakladu Fizjopatologii Kierownik: prof. dr E. Domanski Z Instytutu Fizjologii i Zywienia Zwierzat PAN Dyrektor: prof. dr J. Kielanowski.
(HYPOTHALAMUS) (PITUITARY GLAND) (SKULL)
(SELIA TURCICA) (ANATOMY)

715/00255
KARCZ, S.; POBUDKOWSKI, A.; TRACZYK, W.

Effect of irritation of the hypothalamus on digestive reflexes in rabbits.
Acta physiol. polon. 8 no.3:369-371 1957.

1. Z Pracowni Fizjologii Kierownik naukowy: prof. dr F. Gubalski
Zakładu Patomorfologii PAN Dyrektor: prof. dr L. Paszkiewicz,
(GASTROINTESTINAL TRACT, physiology,
eff. of hypothalamic stimulation on digestive reflexes
in rabbits (Pol))
(HYPOTHALAMUS, physiology,
eff. of stimulation on digestive reflexes in rabbits (Pol))

TRACZYK, W.; SADOWSKI, B.; POBUDKOWSKI, A., KARCZ, S. [deceased]; BECK, J.

Functional conditions of certain subcortical centers and animal behavior. Acta physiol.polon. 11 no.5/6:899-901 '60.

1. Z Zakladu Fizjologii Polskiej Akademii Nauk w Warszawie,
Kierownik: prof.dr F.Czubalski.
(BEHAVIOR)
(BRAIN physiol)
(REFLEX CONDITIONED)

TRACZYK, W.; SADOWSKI, B.

On increase of acetylcholine content in electrically stimulated
caudate nucleus of rabbit. Bul Ac Pol biol no.8:331-335 '59.
(EEAI 9:6)

1. Laboratory of Physiology, Polish Academy of Sciences.
Presented by F.Czubalski.

(Acetylcholine) (Tail)

TRACZYK, W.

Eosinopenic reaction during stimulation of the so-called stress center of the hypothalamus in rats. Acta physiol. polon. 8 no.3:551-553 1957.

1. Z Pracowni Fizjologii Zakladu Patomorfologii PAN Kierownik naukowy: prof. dr F. Czubalski Dyrektor: prof. dr L. Paszkiewicz.

(EOSINOPHIL COUNT,

eff. of stimulation of hypothalamic stress center in rats (Pol))

(HYPOTHALAMUS, physiology,

eff. of stimulation of stress center on eosinophil count in rats (Pol))

POLAND

BECK J., TRACZYK W., Institute of Physiology at the Polish Academy of Sciences (Zaklad Fizjologii, PAN).

"Electric Stimulation of Thalamus Unspecific Nuclei as the Conditional Stimulus for the Instrumental Conditional Alimentary Reflex".

Warsaw, Bulletin de l'Academie Polonaise des Sciences, Serie des Sciences Biologiques Vol XI, No 4, 1963; pp 199-203.

Abstract [English article, Russian summary] : Investigation was carried out on six mongrel dogs with an established conditional instrumental alimentary reflex. It was found, that: 1) paired with the exteroceptive stimulus, stimulation of thalamus unspecific nuclei does not modify significantly the instrumental alimentary conditional reflex; 2) electric stimulation of thalamus unspecific nuclei in dogs can be transformed into a conditional stimulus for the instrumental conditional reflex; 3) establishing the conditional reflex to thalamic stimulation shortens the latency of conditional responses to exteroceptive stimulus and increases the number of reactions between signals. Nine bibliographic references are listed.

2 Polish, 1 Russian, 1 Swiss and 5 English (USA, England)

1/1

BRZEZINSKA, Zofia; SADOWSKI, Bogdan; TRACZYK, Wladyslaw

Effect of biologically-active compounds on contractions of the rectus abdominis produced with acetylcholine in the frog. Acta physiol. pol. 14 no.2:171-182 '63.

1. Z Zakladu Fizjologii PAN w Warszawie Kierownik: prof. dr Fr. Czubalski.

(ACETYLCHOLINE) (ATROPINE) (MUSCLES)
(NOREPINEPHRINE) (PHARMACOLOGY) (EPINEPHRINE)
(PHYSOSTIGMINE) (SEROTONIN) (NEOSTIGMINE)
(ADENOSINE TRIPHOSPHATE) (AMINOBUTYRIC ACID)
(GLUTAMATES) (ALANINE) (NICOTINE)
(CHOLINESTERASE) (ENZYME INHIBITORS)
(GALLAMINE TRIETHIODIDE) (BRAIN)
(TISSUE EXTRACTS)

TRACZYK, Władysław; SADOWSKI, Bogdan

Electrical activity of the "cerveau isole" during caudate nucleus stimulation and its modification by eserine and atropine. Acta physiol. polon. 13 no.4:521-533 '62.

1. Laboratory of Physiology, Polish Academy of Sciences, Warsaw, 36
Head: prof. dr F. Czubalski.

(CAUDATE NUCLEUS)	(ELECTROENCEPHALOGRAPHY)
(PHYSOSTIGMINE)	(ATROPINE) (CEREBRAL CORTEX)

TRACZYK, Wladyslaw; SADOWSKI, Bogdan

Studies on the role of acetylcholine in the functioning of the caudate nucleus, The acetylcholine content of the caudate nucleus and muscular tension. Acta physiol. pol. 14 no.5:517-526 S-0'63

1. Z Zakladu Fizjologii PAN w Warszawie; kierownik: prof.dr. Fr. Czubalski.

*

TRACZYK, Wladyslaw; SADOWSKI, Bogdan

Alterations of the muscle tonus due to stimulation of the caudate nucleus in rabbits. Acta physiol. polon. 13 no.5:609-620 '62.

1. Laboratory of Physiology, Polish Academy of Sciences Head: Prof. F. Czubalski.

(MUSCLES)

(CAUDATE NUCLEUS)

TRACZYK, Wladyslaw

Method of implantation of polyethylene cannula into the lateral ventricle of the brain using apparatus. Acta physiol. polon. 8 no.4:739-744 1957.

1. Z Zakladu Fizjologii Polskiej Akademii Nauk. Kierownik: prof. dr Fr. Czubalski.

(CEREBRAL VENTRICLES, physiology,
implantation of polyethylene cannula with stereotaxic
appar. in dogs. (Pol))

TRACZYK, Wladyslaw

Feeding and escape reactions in rabbits caused by hypothalamic stimulation. Acta physiol. polon. 13 no.2:239-251 '62.

1. Z Zakladu Fizjologii PAN w Warszawie Kierownik: prof. dr Fr. Czubalski.

(HYPOTHALAMUS physiol) (HUNGER physiol)
(CHLORPROMAZINE pharmacol)